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STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

State Capitol

HELENA, MONTANA

VOLUME I, No. 3 — 3 — OCTOBER, 1953

Production of crude oil and condensate from the 47 oil and gas areas of Montana for the month of August, 1953, averaged 32,702 barrels daily, a decrease of 1,415 barrels from the average July production of 34,117 barrels daily.

The nine refineries in the State processed 58,358 barrels of crude oil daily, an increase of 1,932 barrels daily from the 56,426 barrels processed daily during the month of July, 1953.

During August, 40 wells were completed, 21 oil, one gas well and 18 dry holes.

During August, the Commission issued 45 permits to drill new wells, a decrease of 11 from the 56 permits issued during July.

All information is compiled from reports submitted to the Montana Oil and Gas Conservation Commission by companies operating in the State.

A. B. GILLESPIE
October 13, 1953.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF AUGUST, 1953

IN STORAGE AUGUST 1st:	TOTAL
By Producers	220,290
By Transporters	404.770
By Refiners	346,991
TOTAL STORAGE	972,051
PRODUCED DURING MONTH	1,013,776
TOTAL	1,985,827
DISPOSITION:	
Refined in Montana	660,666
Shipped to Other States	397,389
Used for Fuel or Lost	3,231
TOTAL	1,061,286
IN STORAGE AUGUST 31st:	
By Producers	222,261
By Transporters	398,770
By Refiners	303,510
TOTAL STORAGE	924,541

WYOMING OIL IMPORTED

IN STORAGE AUGUST 1, 1953	299,608
AUGUST RECEIPTS, MONTANA REFINERIES	1,183,188
REFINED	1,253,347
IN STORAGE AUGUST 31, 1953	229,449

OPERATIONS
CONSOLIDATED REVIEW
AUGUST, 1953

FIELD — Settled Fields	Production In Barrels August, 1953
Bears Den	238
Berthelote	
Big Wall	14,140
Border	761
Bowes	80,011
Brady	78
Cat Creek	18,746
Clarks Fork	
Cut Bank	218,462
Devils Basin	286
Dry Creek	5,150
Elk Basin	159,609
Flat Coulee	175
Frannie	1,838
Gage	593
Kevin-Sunburst	107,514
Lake Basin	125
Melstone	10,803
Mosser	1,357
Pondera	60,625
Ragged Point	2,272
Rattle Snake Butte	1,852
Reagan	17,109
Soap Creek	4,486
TOTAL	706,230
Controlled Fields	
Cabin Creek	5,797
Glendive Area	80,395
Golden Dome	5,102
Hardin Area	5,756
Little Beaver	7,110
Pine Unit Area	22,795
Poplar Area	80,085
Richey	23,455
Sidney Area	3,297
Southwest Richey	12,700
Sumatra	46,088
Whitlash	14,966
TOTAL	307,546
TOTAL STATE	1,013,776

NOTE: Only a "Summary of Statistics" will be published and furnished free by the Oil & Gas Conservation Commission hereafter, this is the last official "Statistical Bulletin. However, the Montana Oil & Gas Report will continue to furnish its subscribers the entire bulletin, gathering the data from the public records of the Commission.

PRODUCERS REPORT
Month of August, 1953

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Lost Storage	End of Month
7	Big Wall	18	4,121	14,140	.....	13,484	.....	4,777
4	Border	8	.....	761	.....	761	.....	.....
9	Bowes	53	9,674	80,011	27,032	54,060	.....	8,593
1	Brady	2	.....	78	.....	78	.....	.....
1	Cabin Creek	1	1,093	5,797	.....	5,093	.....	1,797
27	Cat Creek	85	5,457	18,746	13,458	5,468	.....	5,277
	Clark's Fork		96	Shut down				96
328	Cut Bank	1,100	109,114	218,462	215,487	.....	149	111,940
1	Devils Basin	1	.....	286	.....	40	10	236
4	Dry Creek	4	822	5,150	5.041	.....	.....	931
19	Elk Basin	58	7,949	159,609	157,001	.....	1,581	8,976
2	Frannie	2	595	1,838	1,892	.....	.....	541
3	Gage	4	2,064	593	879	.....	.....	1,778
11	Glendive	18	7,550	80,395	.....	81,375	.....	6,570
1	Golden Dome	1	.....	5,102	.....	4,639	.....	463
1	Hardin Area	3	1,266	5,756	.....	5,718	.....	1,304
220	Kevin-Sunburst	1,495	16,174	107,514	105,158	1,803	9	16,718
1	Lake Basin	1	105	125	.....	.....	.....	230
1	Little Beaver	3	776	7,110	.....	6,704	.....	1,182
3	Melstone	6	1,724	10,803	.....	9,868	.....	2,659
3	Mosser	5	.....	1,357	.....	1,357	.....	.....
1	Pine Unit Area	6	4,718	22,795	.....	22,594	2,67	4,652
73	Pondera	304	9,338	60,625	62,060	.....	33	7,870
11	Poplar Area	17	16,049	80,085	35,378	45,715	1,035	14,006
2	Ragged Point	3	1,731	2,272	.....	2,018	.....	1,985
1	Rattle Snake Point	1	.....	1,852	.....	1,507	.....	345
2	Reagan	30	2,997	17,109	18,893	.....	.....	1,213
5	Richey	10	4,984	23,455	.....	23,383	.....	5,056
1	Sidney Area	1	835	3,297	.....	2,643	13	1,476
1	Southwest Richey	3	1,637	12,700	.....	13,097	.....	1,240
1	Soap Creek	4	1,418	4,486	.....	4,619	27	1,257
10	Sumatra	20	7,187	46,088	.....	44,654	15	8,606
14	Sweet Grass Hills	14	816	15,379	.....	15,659	50	486
769		3,281	220,290	1,013,776	642,279	366,337	3,189	222,261

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year 1952	9,606,251	26,264	9,564,809	26,133
First Quarter, 1953	2,667,615	20,640	2,648,403	29,427
Second Quarter, 1953	2,914,308	32,025	2,883,551	31,687
July, 1953	1,056,596	34,083	1,055,725	34,055
August, 1953	1,013,776	32,702	1,008,616	32,536

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1952	213,791	481,656	529,541	1,224,988
March 31, 1953	207,310	393,412	554,108	1,154,830
June 30, 1953	225,162	403,797	591,961	1,220,920
July 31, 1953	220,290	404,770	646,599	1,271,659
August 31, 1953	222,261	398,770	532,959	1,153,990

* Includes Wyoming Oil.

REFINERS REPORT BY FIELDS
Month of August, 1953

	Location of Plant in Montana	Storage First of Month	Oil Received	Losses	Oil Refined	Storage End of Month
BIG WALL						
Farmers Union Cent. Exc. Inc.	Laurel	2,092	13,477	.....	13,041	2,528
BORDER						
The Texas Company	Sunburst	2,032	761	.....	1,808	985
BRADY						
Phillips Petroleum Co.	Great Falls	.....	78	.....	78	.....
CAT CREEK						
Carter Oil Co.	Billings	2,440	.....	.....	2,440	.....
Continental Oil Co.	Billings	.....	13,633	.....	13,633	.....
Farmers Union Cent. Exc. Inc.	Laurel	1,258	.....	1,258	.....	.....
Jet Fuel Refinery	Mosby	6,593	5,413	438	6,959	4,609
		10,291	19,046	1,696	23,032	4,609
CUT BANK						
The Texas Company	Sunburst	132,562	111,698	.....	154,693	89,567
Union Oil Co. & Socony Vac.	Cut Bank	22,870	57,909	461	64,922	15,396
Big West Oil Co.	Kevin	.....	14,408	.....	14,408	.....
		155,432	184,015	461	234,023	104,963
DEVILS BASIN						
Farmers Union Cent. Exc. Inc.	Laurel	.....	40	.....	40	.....
DRY CREEK						
Farmers Union Cent. Exc. Inc.	Laurel	.....	3,801	.....	3,801	.....
ELK BASIN						
Carter Oil Co.	Billings	.....	78,253	.....	78,253	.....
Continental Oil Co.	Billings	.....	20,975	.....	20,975	.....
		.....	99,228	.....	99,228	.....
GAGE						
Farmers Union Cent. Exc. Inc.	Laurel	.....	1,104	.....	1,104	.....
GLENDIVE						
Farmers Union Cent. Exc. Inc.	Laurel	.....	1,787	.....	1,787	.....
The Texas Company	Sunburst	6,400	.....	.....	6,400	.....
		6,400	1,787	.....	8,187	.....
KEVIN–SUNBURST						
Big West Oil Co.	Kevin	18,222	46,532	.....	51,254	13,500
The Texas Company	Sunburst	92,327	61,021	.....	32,867	120,481
		110,549	107,553	.....	84,121	133,981
MELSTONE						
Farmers Union Cent. Exc. Inc.	Laurel	1,569	9,972	.....	9,645	1,896
MOSSER						
Farmers Union Cent. Exc. Inc.	Laurel	.....	1,357	.....	1,357	.....
PINE UNIT AREA						
Farmers Union Cent. Exc. Inc.	Laurel	.....	1,573	.....	1,573	.....
PONDERA						
Phillips Petroleum Co.	Great Falls	10,535	71,655	.....	72,374	9,816
POPLAR AREA						
Carter Oil Co.	Billings	.....	16,265	.....	.....	16,265
Modern Oil Co.	Shelby	1,318	6,707	.....	6,852	1,173
		1,318	22,972	.....	6,852	17,438
RAGGED POINT						
Farmers Union Cent. Exc. Inc.	Laurel	.....	1,992	.....	1,992	.....
RATTLE SNAKE BUTTE						
Carter Oil Co.	Billings	.....	1,507	.....	1,083	424
REAGAN						
Union Oil Co.	Cut Bank	.....	18,893	.....	18,893	.....
SUMATRA						
Farmers Union Cent. Exc. Inc.	Laurel	7,847	43,920	.....	43,424	8,343
SWEETGRASS HILLS						
Big West Oil Co.	Kevin	.....	688	.....	688	.....
The Texas Company	Sunburst	38,926	13,923	.....	34,322	18,527
		38,926	14,611	.....	35,010	18,527
TOTAL MONTANA OIL		346,991	619,342	2,157	660,666	303,510
OIL FROM WYOMING						
Carter Oil Co.	Billings	106,231	642,003	.....	648,358	99,876
Continental Oil Co.	Billings	136,962	252,907	.....	290,329	99,540
Farmers Union Cent. Exc. Inc.	Laurel	56,415	288,278	.....	314,660	30,033
TOTAL WYOMING OIL		299,608	1,183,188	.....	1,253,347	229,449
TOTAL MONT. & WYO. OIL		646,599	1,802,530	2,157	1,914,013	532,959

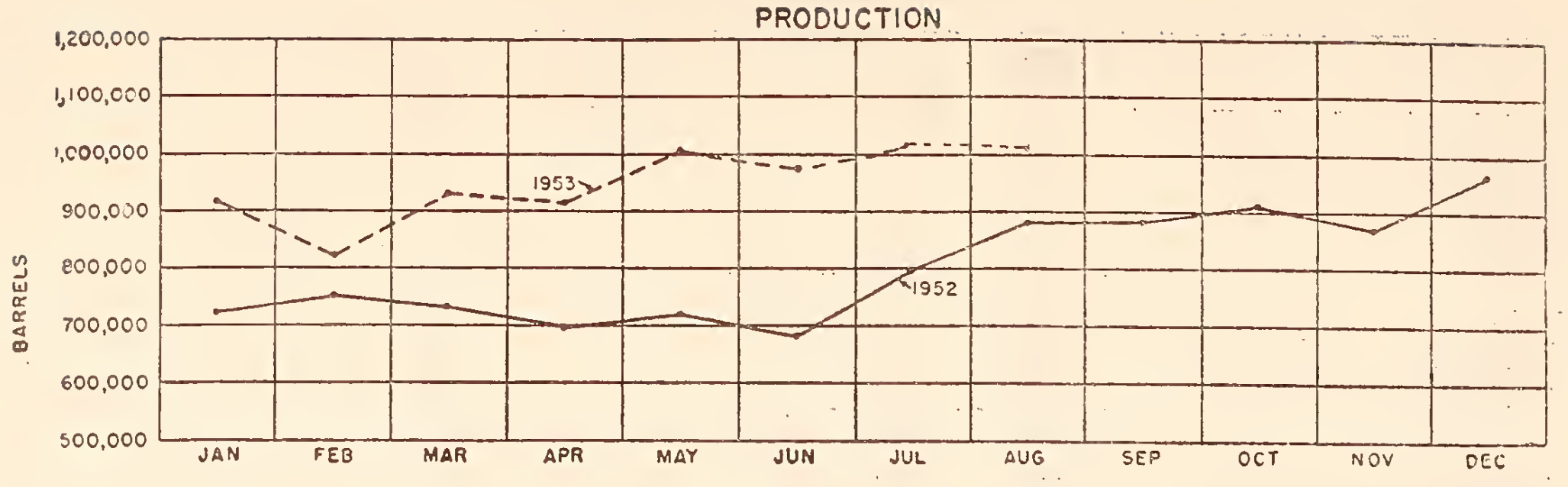
	Average Barrels Per Day			Percentage of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year 1952	19,425	32,499	51,924	37.4	62.6
August 1952	20,510	37,848	58,358	35.1	64.9
August 1953	21,312	40,431	61,742	34.5	65.5

TRANSPORTATION REPORT
Month of August, 1953

	Storage First of Month	Oil to Storage: from Producers Pipeline	Oil to Storage: from Producers Truck	Oil to Storage: Connecting Carrier	Deductions & Losses	Oil Shipped to: Montana	Oil Shipped to: Other States	Connecting Carriers	Storage End of Month
BIG WALL									
Trucks	1,874		13,484			13,477			1,881
BORDER									
Trucks			761			761			
BOWES									
Northern Pump Co.	796	27,032			(15)		26,925		918
Trucks			54,060				54,060		
	796	27,032	54,060		(15)		80,985		918
BRADY									
Trucks			78			78			
CAT CREEK									
Continental Pipeline Co.	6,956	13,457			363	13,587			6,463
Trucks			5,468		55	5,413			
	6,956	13,457	5,468		418	19,000			6,463
CABIN CREEK									
Trucks			5,093				5,093		
CUT BANK									
Darlington Gathering System	1,810	20,332				20,241			1,901
Phillips Petroleum Co.	51,914	53,166		2,820	(558)		27,932	20,014	60,512
Texas Pipeline Co.	130,205	47,702		46,075	1,374	105,894		25,213	91,501
Toronto Pipeline Co.	30,114	57,988			(2)			52,957	35,147
Union Oil Co.	101,108	38,684		49,289	390	57,909			130,782
	315,151	217,872		98,184	1,204	184,044	27,932	98,184	319,843
DEVILS BASIN									
Trucks			40			40			
DRY CREEK									
Ohio Oil Co.	6,161	5,041			(41)	3,801			7,442
ELK BASIN									
Ohio Oil Co.		157,001				99,228	57,773		
FRANNIE									
Continental Pipeline Co.		1,892					1,892		
GAGE									
Northern Pump Co.	1,542	879			527	1,104			790
GLENDIVE									
Trucks			81,375			1,786	79,589		
GOLDEN DOME									
Trucks			4,639				4,639		
HARDING AREA									
Trucks			5,718				5,718		
KEVIN-SUNBURST									
Big West Oil Co.	2,684	46,467				46,352			2,799
Homestake Oil & Gas Co.		4,458			(935)	3,788			1,605
Texas Pipeline Co.	15,902	55,698		1,784	292	57,233			15,859
Trucks	471		1,803					1,784	490
	19,057	106,623	1,803	1,784	(643)	107,373		1,784	20,753
LITTLE BEAVER									
Trucks			6,704				6,704		
MELSTONE									
Trucks	1,823		9,868			9,972			1,719
MOSSER									
Trucks			1,357			1,357			
PINE UNIT AREA									
Trucks			22,594			1,573	21,021		
PONDERA									
Phillips Petroleum Co.	43,211	62,060			1,056	71,655			32,560
POPLAR AREA									
East Poplar Gathering System	8,118	35,892			(86)	16,265	23,293		4,538
Trucks			45,715			6,707	39,008		
	8,118	35,892	45,715		(86)	22,972	62,301		4,538
RAGGED POINT									
Trucks			2,018		26	1,992			
RATTLE SNAKE BUTTE									
Trucks			1,507			1,507			
REAGAN									
Union Oil Co.		18,893				18,893			
RICHEY									
Trucks			23,383				23,383		
SIDNEY AREA									
Trucks			2,643				2,643		
SOAP CREEK									
Trucks			4,619				4,619		
SOUTHWEST RICHEY									
Trucks			13,097				13,097		
SUMATRA									
Trucks	81		44,654			43,920			815
SWEET GRASS HILLS									
Trucks			15,659			14,611			1,048
GRAND TOTAL	404,770	646,642	366,337	99,968	2,446	619,144	397,289	99,968	398,770

Oil Runs to Storage	Average Per Day	Runs	Shipped to Other States
Pipeline	Year 1952	26,133	6,741
Trucks	First Quarter, 1953	29,453	8,806
Total	Second Quarter, 1953	31,745	11,621
Average per Day	July, 1953	34,117	13,708
	August, 1953	32,676	12,819

Storage	Barrels
Dec. 31, 1952	481,656
Aug. 31, 1953	398,770
Decrease	82,886


PRODUCTION
BARRELS
1,200,000
1,100,000
1,000,000
900,000
800,000
700,000
600,000
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1953
1952
JAN
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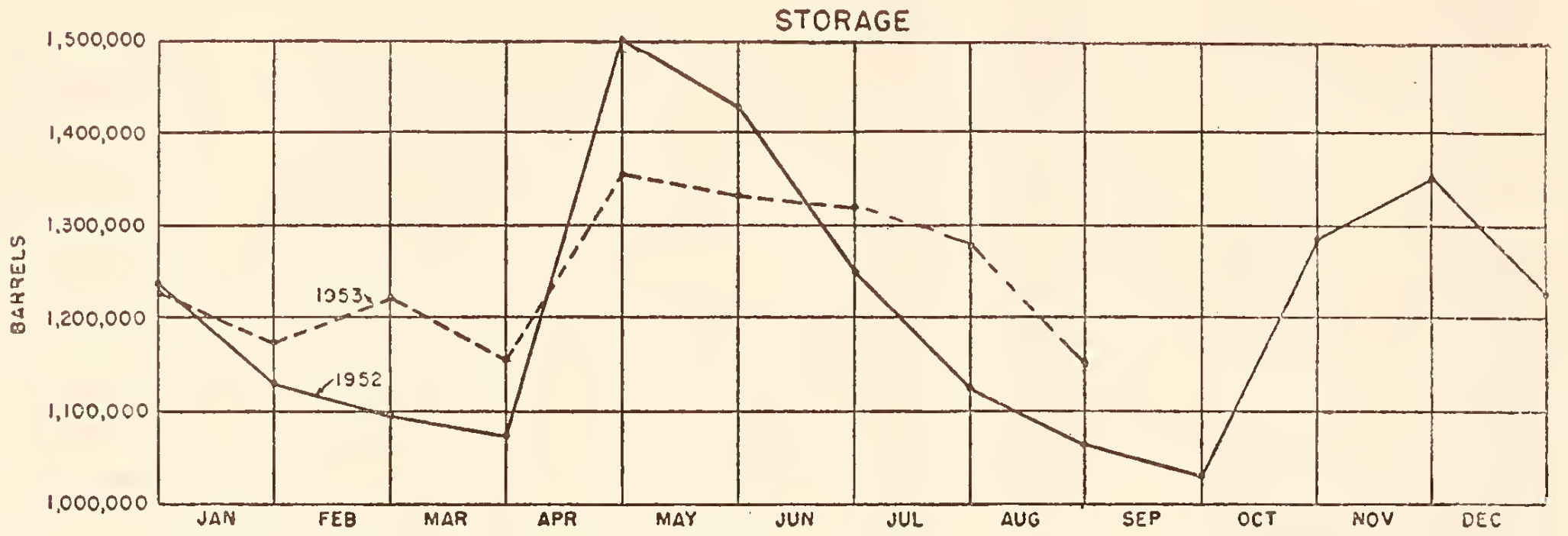
DEC


STORAGE
BARRELS
1,500,000
1,400,000
1,300,000
1,200,000
1,100,000
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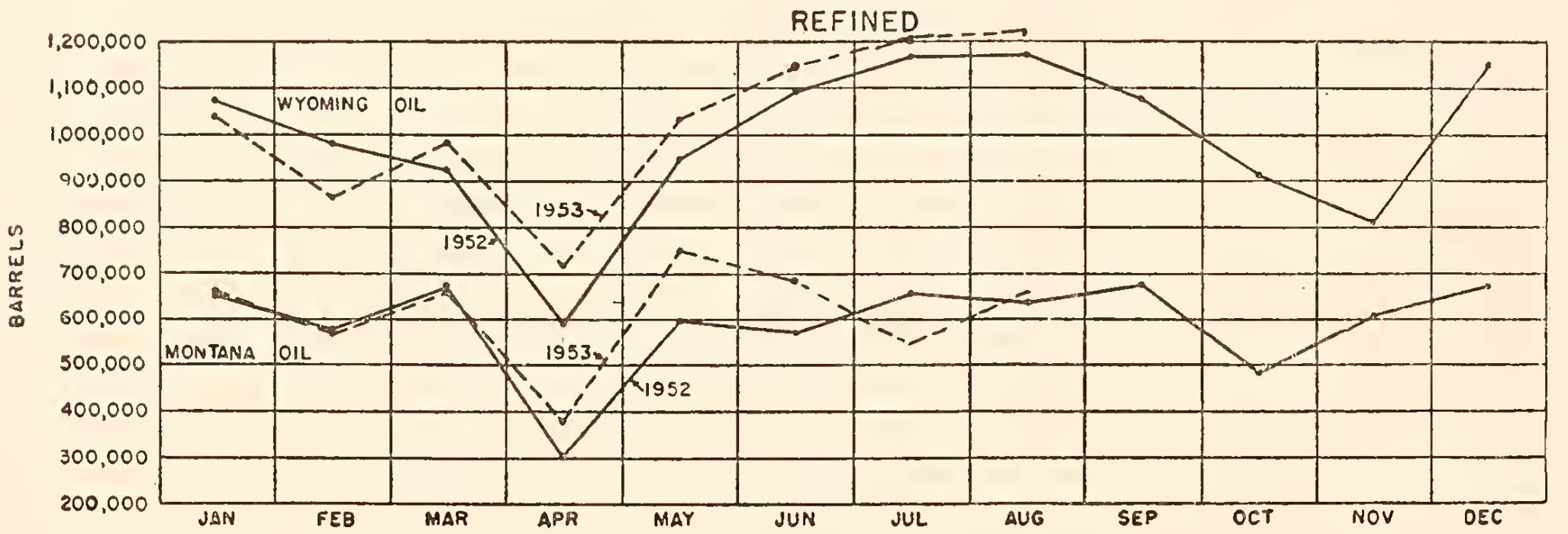
DEC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BARRELS
1,200,000
1,100,000
1,000,000
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WYOMING OIL
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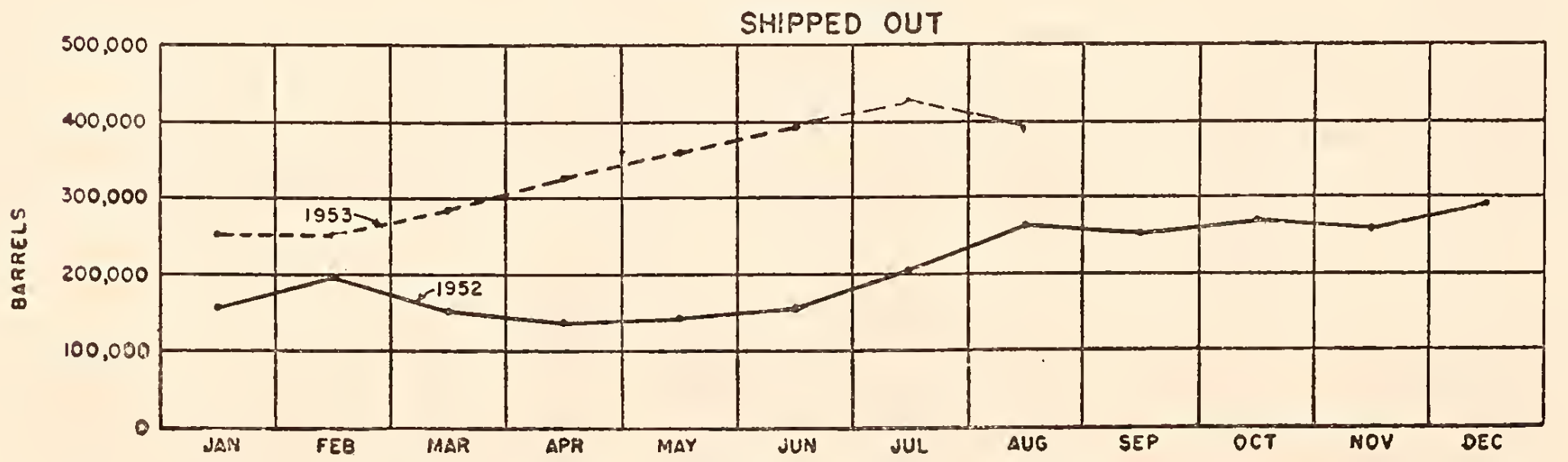
DEC


SHIPPED OUT
BARRELS
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1952
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AUG
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OCT
NOV
DEC

NATURAL GAS WITHDRAWALS IN MONTANA

Month of August, 1953

Field	M. C. F.
Bears Den	.....
Bowdoin	110,660
Bowes	38,438
Box Elder	.....
Cedar Creek*	189,320
Cut Bank (Includes Reagan)	742,589
Devon	16,843
Dry Creek	55,158
Hardin	2,856
Haystack Butte	2,489
Keith Block	6,029
Kevin-Sunburst	40,322
Utopia	2,236
Whitlash Area	40,385
TOTAL	1,247,325

Total withdrawals for August, 1952, were reported by Board of Railroad Commissioners as 1,528,844 M. C. F.

* Includes withdrawal of 62,488 M. C. F. of injected gas.